

International Cooperation Plan for KuaFu

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On behalf of *KuaFu Coordination and Planning Committee*Director-General, National Center for Space Weather, CMA



Outline

- ♦ Background
- ◆ KuaFu Coordination and Planning Committee (KCPC)
- ♦ Task
- ♦ Next Step











Background

- ♦ KuaFu project is needed for
 - Space Science
 - Space Weather Application
 - Space Technology
- ◆ National Natural Science Foundation of China (NSFC) supported the KuaFu Science Project starting from 2004











Background (cont.)

- ◆ Closer cooperation among scientist, user and industry community is necessary for success
- ♦ July 28, 2005, the trilateral agreement focusing on the cooperation of KuaFu was signed by
 - China Meteorological Administration (CMA)
 - Peking University (PKU)
 - China Aerospace Science and TechnologyCorporation (CASC)



Background (cont.)

- ♦ Sept. 16, 2005 a common understanding was reached by the Chinese solar-terrestrial community
 - to support KuaFu as the only solar-terrestrial mission plan to be submitted to China National Space Administration (CNSA) by the community
 - KuaFu merged with "Solar Wind and Auroral Storm Explorer" (SWASE), proposed by Prof. LIU Zhen-Xing, Chinese Academy of Sciences (CAS)
- ◆ Then CAS became one of the key members of KuaFu project











KuaFu Coordination and Planning Committee (KCPC)

- KCPC was authorized by CNSA recently
- The KuaFu Coordination and Planning Committee (KCPC) is composed of
 - China Meteorological Administration (CMA)
 - Peking University (PKU)
 - Chinese Academy of Sciences (CAS)
 - China Aerospace Science & Technology Cooperation (CASC)
- ♦ CMA acts as the coordinator











Tasks

- ♦ KCPC will coordinate the domestic and international cooperation for KuaFu Project
 - Before the Engineering Phase, KCPC will organize and coordinate all activities regarding to domestic and international co-operations of KuaFu Project (while the KuaFu Scientific Committee in charge of all scientific activities).











KCPC

- ♦ Chair
 - ZHANG Wen-JianDeputy Administrator/CMA
- Members
 - LIN Jian-HuaStanding Vice President/PKU
 - HUANG Yong
 Deputy Director-General, Bureau of Basic Research/CAS
 - JIANG Wei-Xing
 Deputy Director-General, Aerospace Division/CASC
 - ZHANG Yong-Wei
 Chief Engineer, DFH Satellite Co./CASC
 - ZHOU Heng
 Deputy Director-General, Department of Observation & Telecommunication /CMA
 - YANG Jun
 Director-General, National Center for Space Weather/CMA
- ♦ Other Members
 - Officials and Experts from CMA, PKU, CAS, CASC











♦ Secretariat

ZHOU Heng (chief)

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Milestones

- ♦ 2006-2007 Comprehensive Review
- ♦ 2007-2009 Critical Design Review & Engineering Model
- ♦ 2010-2012 Flight Model
- ♦ 2012 Launch!!!











Next Step

♦ Letters of information

Letters will be sent soon (around this Aug.) to related
 European national agencies, CSA and ESA,
 informing the present status of KuaFu.

♦ International coordination plan

 Inviting representatives from related European national agencies, CSA and ESA by the end of 2006 to discuss co-operations on KuaFu, including intention, cooperation mechanism, funding possibility, and AO (if needed)











♦ Signing MoU with related funding agencies

◆ Holding 2nd International Symposium on KuaFu Project (ISKP-II) and 5th KuaFu Team Meeting on Jan. 14-19, 2007 in Hainan, China

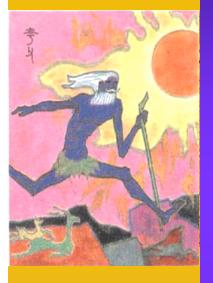
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Thanks